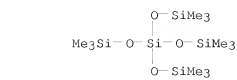

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FULL ESTIMATED COST                                   170.25     230.77

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 NEWS  6  APR 26  USPATFULL and USPAT2 enhanced with patent
                  assignment/reassignment information
 NEWS  7  APR 28  CAS patent authority coverage expanded
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 NEWS 10  MAY 08  STN Express, Version 8.4, now available
 NEWS 11  MAY 11  STN on the Web enhanced
 NEWS 12  MAY 11  BEILSTEIN substance information now available on
                  STN Easy
 NEWS 13  MAY 14  DGENE, PCTGEN and USGENE enhanced with increased
                  limits for exact sequence match searches and
                  introduction of free HIT display format
 NEWS 14  MAY 15  INPADOCDB and INPAFAMDB enhanced with Chinese legal
                  status data
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NEWS 15  MAY 28  CAS databases on STN enhanced with NANO super role in
                 records back to 1992
NEWS 16  JUN 01  CAS REGISTRY Source of Registration (SR) searching
                 enhanced on STN
NEWS 17  JUN 26  NUTRACEUT and PHARMAML no longer updated
NEWS 18  JUN 29  IMSCOPROFILE now reloaded monthly
NEWS 19  JUN 29  EPFULL adds Simultaneous Left and Right Truncation
                 (SLART) to AB, MCLM, and TI fields
NEWS 20  JUL 09  PATDPAFULL adds Simultaneous Left and Right
                 Truncation (SLART) to AB, CLM, MCLM, and TI fields
NEWS 21  JUL 14  USGENE enhances coverage of patent sequence location
                 (PSL) data
NEWS 22  JUL 14  CA/CAplus to be enhanced with new citing references
                 features
NEWS 23  JUL 16  GBFULL adds patent backfile data to 1855

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DICTIONARY FILE UPDATES:  17 JUL 2009  HIGHEST RN 1164451-20-0

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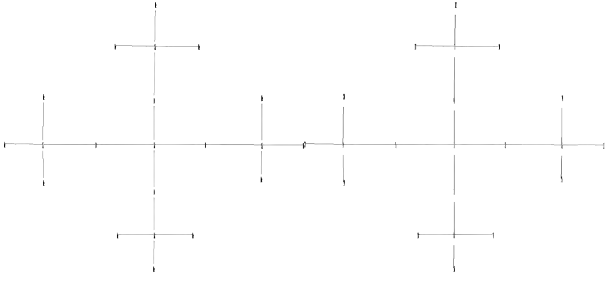

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8-17 8-18 9-19 9-20 9-21
exact bonds :
1-2 1-3 1-4 1-5 2-6 3-8 4-7 5-9 6-13 6-14 6-15 7-10 7-11 7-12 8-16
8-17 8-18 9-19 9-20 9-21

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS
18:CLASS 19:CLASS 20:CLASS 21:CLASS

L1 STRUCTURE UPLOADED

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L1 HAS NO ANSWERS
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* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

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FULL SEARCH INITIATED 14:11:02 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    12228 TO ITERATE

100.0% PROCESSED    12228 ITERATIONS                                3 ANSWERS
SEARCH TIME: 00.00.01

L2            3 SEA SSS FUL L1

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                                                 ENTRY    SESSION
FULL ESTIMATED COST                             185.88     186.10

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FILE COVERS 1907 - 20 Jul 2009  VOL 151 ISS 4
FILE LAST UPDATED: 19 Jul 2009  (20090719/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED:  Jun 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE:  Jun 2009

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to NEWS 22.

=> s L2
L3          168 L2

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=> d L4 1-10 ibib abs hitstr
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L4 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2008:609127 CAPLUS
DOCUMENT NUMBER: 148:568331
TITLE: Organopolysiloxanes having oil-thickening effect, their manufacture, and oil paste compositions and cosmetics containing them
INVENTOR(S): Sakuta, Koji; Tachibana, Kiyomi
PATENT ASSIGNEE(S): Shin-Etsu Chemical Industry Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 76pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2008115358	A	20080522	JP 2007-160666	20070618
EP 2014701	A2	20090114	EP 2008-154170	20080407
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, AL, BA, MK, RS				
US 20080311060	A1	20081218	US 2008-81075	20080410
KR 2008042784	A	20080515	KR 2008-38111	20080424

PRIORITY APPLN. INFO.: JP 2007-160666 A 20070618

AB The cosmetics contain organopolysiloxanes comprising backbone units Si(R1)2O (I), 2-199 (based on 100 of I) side chains SiR1[(CH2)2[Si(R2)2O]aSi(R2)3]O, and 1-50 (based on 100 of I; average number ≥2 per mol.) crosslinks OSiR1XSiR1O [R1 = (un)substituted C1-30 hydrocarbyl not having aliphatic unsatd. bond, CjH2jO(CkH2kO)bR4 (j = 2-20; k = 2-4; b = 2-100; R4 = H, (un)substituted C1-30 hydrocarbyl, Ac), CgH2gOCH2CH(OH)CH2O[CH2CH(OH)CH2O]cR4 (g = 2-20; c = 0-10); R2 = (un)substituted C1-10 hydrocarbyl not having aliphatic unsatd. bond; a = 1-300; X = (CH2)2, (CH2)2Si(R3)2O[Si(R3)2O]dSi(R3)2(CH2)2, CmH2mO(CnH2nO)eCmH2m, CpH2p, CmH2mOCH2CH(OH)CH2O[CH2CH(OH)CH2O]fCmH2m; R3 = (un)substituted C1-30 hydrocarbyl not having aliphatic unsatd. bond; d = 0-500; e = 2-100; f = 0-10; m = 2-20; n = 2-4; p = 4-20]. The paste compns. contain the organopolysiloxanes and oily ingredients at weight ratios 1/20 to 20/1, the organopolysiloxanes being swollen by the oily ingredients. Reaction of Me3SiO(SiMe2O)30(SiMeHO)3SiMe3 256.2, ViSiMe2O(SiMe2O)10SiMe3 91.4, and ViSiMe2SiO(SiMe2O)10SiMe2Vi (Vi = vinyl) 97.2 weight parts in 111.2 weight parts dimethylpolysiloxane in the presence of chloroplatinic acid-divinyltetramethyldisiloxane solution gave a reaction mixture, 100 weight parts of which was kneaded with 220 weight parts dimethylpolysiloxane to give a paste composition (crosslinked organopolysiloxane polymer/dimethylpolysiloxane weight ratio 20/80; viscosity 364,000 mPa-s) showing a smooth and refreshing feeling and no sticky or oily feeling after application on human faces. Cosmetic formulation examples are given.

IT 3555-47-3, Tetrakis(trimethylsiloxy)silane
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(manufacture of crosslinked organopolysiloxanes having oil-thickening effect for nonsticky oil paste compns. and cosmetics, optionally, containing alcs., polymers, powders, surfactants, and silicones)

RN 3555-47-3 CAPLUS
CN Trisiloxane, 1,1,1,5,5,5-hexamethyl-3,3-bis[(trimethylsilyl)oxy]- (CA INDEX NAME)

L4 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:1103531 CAPLUS
DOCUMENT NUMBER: 143:372868
TITLE: Cosmetic preparation containing silicone polymer
INVENTOR(S): Sakuta, Koji
PATENT ASSIGNEE(S): Shin-Etsu Chemical Co., Ltd., Japan; NOF Corporation
SOURCE: PCT Int. Appl., 94 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005094758	A1	20051013	WO 2005-JP6306	20050331
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1736138	A1	20061227	EP 2005-727983	20050331
R: DE, FR, GB, IT				
CN 1938000	A	20070328	CN 2005-80010367	20050331
US 20070196291	A1	20070823	US 2006-594734	20060929
KR 2006135026	A	20061228	KR 2006-721501	20061017
PRIORITY APPLN. INFO.:			JP 2004-102684 A	20040331
			WO 2005-JP6306 W	20050331

AB Disclosed is a cosmetic preparation containing a nonirritating silicone polymer which is excellent in adhesion to skin or hair. Specifically disclosed is a cosmetic preparation containing a polymer (A) which includes the following repeating units -[C(R1)(X1A)HCH2]- and -[C(R1)(X2B)HCH2]- [R1's may be different from one another and resp. represent H or Me; X1, X2 = a divalent aromatic group having C2-10 or -COOR7- wherein R7 is an aliphatic group bonded to A or B; A = an organopolysiloxane residue; and B = O-P(:O)(O-)O(CH2)dN+R33 wherein R3s may be different from one another and resp. represent an C1-20 alkyl group; and d = 1-10.]. Cosmetic compns. containing the polymer and other specified ingredients are also disclosed. For example, a polymer was prepared from CH2:CMeCOOC3H6SiMe2O(SiMe2O)30SiMe3 30, CH2:CMeCOOCH2CH2OP(:O)(O-)OCH2CH2N+Me3 4, Me methacrylate 50, Bu methacrylate 8, 2-ethylhexyl methacrylate 8, dimethyl-2,2'-azobis(2-methylpropionate) 2, and 2-propanol 120 parts. The obtained polymer 11 parts was combined with other ingredients to give a nail enamel.

IT 3555-47-3, Tetrakistrimethylsiloxysilane
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)

(cosmetic preparation containing methacryloyloxyethyl phosphorylcholine-containing
silicone polymers and other ingredients)
RN 3555-47-3 CAPLUS
CN Trisiloxane, 1,1,1,5,5,5-hexamethyl-3,3-bis[(trimethylsilyl)oxy]- (CA INDEX NAME)

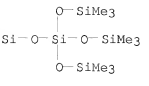
REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:394073 CAPLUS
DOCUMENT NUMBER: 142:416817
TITLE: Photoprotective cosmetic composition comprising at least an aqueous phase, at least a siliconized volatile fatty phase, and at least an organic UV filter
INVENTOR(S): Josso, Martin
PATENT ASSIGNEE(S): L'Oreal, Fr.
SOURCE: Fr. Demande, 31 pp.
CODEN: FRXXBL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2861593	A1	20050506	FR 2003-50780	20031104
FR 2861593	B1	20060224		
PRIORITY APPLN. INFO.:			FR 2003-50780	20031104

OTHER SOURCE(S): MARPAT 142:416817
AB A sunscreen composition comprises, in a physiol. acceptable support at least:(a) an aqueous phase, (b) at least an organic UV filter;(c) and at least a
siliconized volatile fatty phase containing a noncyclic volatile silicone oil. The siliconized volatile fatty phase has a profile of evaporation such that the mass of siliconized volatile oil at the end of 30 min evaporation goes from 1 mg/cm2 to 10 mg/cm2. The siliconized volatile fatty phase such as above is used in the manufacture of a cosmetic composition or dermatol.
photoprotectant,
with the aim of improving qualities of spreading out, softness to the touch and/or of not-sticking. A sunscreen composition contained decamethyltetrasiloxane 2.45, decamethylpentasiloxane 4.55, polydimethylsiloxane 1, stearic acid 1, 4-tertiobutyl-4'-methoxydibenzoylmethane 3, octocrylene 10, Arlace 164 1, Antaron V220 1, titanium oxide 5, glycerin 4, propylene glyco. 4, Amphisol K 1, xanthan gum 0.07, Pemulen TR1 0.15, disodium EDTA 0.1, triethanolamine q.s., preservatives q.s, and water q.s. 100%.
IT 3555-47-3
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(photoprotective cosmetic composition comprising at least aqueous phase, at least siliconized volatile fatty phase, and at least organic UV filter)
RN 3555-47-3 CAPLUS

CN Trisiloxane, 1,1,1,5,5,5-hexamethyl-3,3-bis[(trimethylsilyl)oxy]- (CA INDEX NAME)

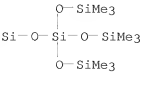


REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:13403 CAPLUS
DOCUMENT NUMBER: 142:100004
TITLE: Oil-based cosmetics containing surface-treated pigments
INVENTOR(S): Kuroda, Akihiro
PATENT ASSIGNEE(S): Kanebo, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 18 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2005002076	A	20050106	JP 2003-177625	20030623
PRIORITY APPLN. INFO.:			JP 2003-113815 A	20030418

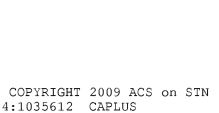
AB This invention relates to water-, sebum-, transfer-resistant oil-based cosmetics which comprise surface-treated pigments to minimize removing lipids from the skin. The cosmetics comprise (1) surface-treated platy pigments which provide oil (squalane) absorption reduction by ≥ 20 % as compared to nontreated pigments and (2) surface-treated nonplaty pigments which provide oil (squalane) absorption reduction by ≥ 45 % as compared to nontreated pigments. The cosmetics further comprise polybutene, volatile silicones, and moisturizers. Substances for the surface treatment include branched or linear C6-20 alkyl-containing compds. For example, a lipstick was formulated containing octyltriethoxysilane-treated titania, octyltriethoxysilane-treated mica titanium, octyltriethoxysilane-treated Japan Red 201, octyltriethoxysilane-treated Japan Red 202, and octyltriethoxysilane-treated Japan Yellow 4 aluminum lake.
IT 3555-47-3, Tetrakis(trimethylsiloxy)silane
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(oil-based cosmetics containing surface-treated pigments for minimizing delipidation from skin)
RN 3555-47-3 CAPLUS
CN Trisiloxane, 1,1,1,5,5,5-hexamethyl-3,3-bis[(trimethylsilyl)oxy]- (CA INDEX NAME)



L4 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:9536 CAPLUS
DOCUMENT NUMBER: 142:99996
TITLE: Water-based cosmetics containing surface-treated pigments
INVENTOR(S): Kuroda, Akihiro
PATENT ASSIGNEE(S): Kanebo, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 19 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2005002078	A	20050106	JP 2003-177627	20030623
PRIORITY APPLN. INFO.:			JP 2003-113817 A	20030418

AB This invention relates to water-, sebum-, transfer-resistant water-based cosmetics which comprise surface-treated pigments to minimize removing lipids from the skin. The cosmetics comprise (1) surface-treated platy pigments which provide oil (squalane) absorption reduction by ≥ 20 % as compared to nontreated pigments and (2) surface-treated nonplaty pigments which provide oil (squalane) absorption reduction by ≥ 45 % as compared to nontreated pigments. The cosmetics further comprise surfactants and volatile silicones. Substances for the surface treatment include branched or linear C6-20 alkyl-containing compds. For example, a foundation was formulated containing octyltriethoxysilane-treated titania, octyltriethoxysilane-treated talc, octyltriethoxysilane-treated Japan Red 201, and octyltriethoxysilane-treated iron oxide.
IT 3555-47-3, Tetrakis(trimethylsiloxy)silane
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(water-based cosmetics containing surface-treated pigments for minimizing delipidation from skin)
RN 3555-47-3 CAPLUS
CN Trisiloxane, 1,1,1,5,5,5-hexamethyl-3,3-bis[(trimethylsilyl)oxy]- (CA INDEX NAME)



L4 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2004:1035612 CAPLUS
DOCUMENT NUMBER: 142:11270
TITLE: Cleansing cosmetics containing multiple volatile solvents having different boiling points and carbohydrate alkyl ethers or esters, and cleansing method using them
INVENTOR(S): Kuroda, Akihiro; Ishii, Hiroaki; Imaseki, Masafumi
PATENT ASSIGNEE(S): Kanebo, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 11 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004339146	A	20041202	JP 2003-136888	20030515
JP 3953978	B2	20070808		

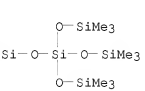
PRIORITY APPLN. INFO.: JP 2003-136888 20030515

AB Cleansing cosmetics, which easily remove sunscreens and mascaras and require no water washing, contain (A) ≥1 volatile solvents having b.p. <10° at 1 atom, (B) ≥1 volatile solvents having b.p. 30-99.9° at 1 atom, (C) ≥1 volatile solvents having b.p. 100-250° at 1 atom, and (D) carbohydrate alkyl ethers or esters other than dextrin fatty acid esters. Cleansing is performed by applying the cleansing cosmetics to tissue paper or cotton and wiping skin with the tissue paper or cotton within 30 s. Thus, a cleansing foam was formulated containing butane, Me2O, EtOH, decamethylcyclopentasiloxane, methyltrimethicone, H2O, sucrose laurate, and additives. Sunscreen containing fluorosilicones and pigment fine particles was completely removed by tissue paper on which the cleansing foam was applied, and skin after cleansing was smooth and had refreshed feel.

IT 3555-47-3, Tetrakis(trimethylsiloxy)silane
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(cleansing cosmetics containing multiple volatile solvents having different b.p. and carbohydrate alkyl ethers or esters, which are used by applying to tissue paper or cotton and wiping skin)

RN 3555-47-3 CAPLUS

CN Trisiloxane, 1,1,1,5,5,5-hexamethyl-3,3-bis[(trimethylsilyl)oxy]- (CA INDEX NAME)



L4 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:992716 CAPLUS

DOCUMENT NUMBER: 141:427791

TITLE: Anhydrous deodorant composition comprising a volatile silicone fatty phase

INVENTOR(S): Aubert, Lionnel; Douin, Veronique

PATENT ASSIGNEE(S): L'oreal, Fr.

SOURCE: Fr. Demande, 35 pp.
CODEN: FRXXBL

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2854798	A1	20041119	FR 2003-51082	20031216

PRIORITY APPLN. INFO.: FR 2003-51082 20031216

OTHER SOURCE(S): MARPAT 141:427791

AB A cosmetic composition comprises at a deodorant active, a silicone volatile fatty phase containing a noncyclic volatile silicone oil, having a profile of evaporation such that mass of the oil evaporated at the end of 30 min is 2-9 mg/cm2. The invention also relates to a cosmetic treatment of human perspiration and human axillary odor. Thus, an aerosol formulation

contained Tixogel MP250 2.6, iso-Pr palmitate 6.0, Citroflex-2 7.0, Dow Corning-1501 9.0, Locoron P 35.0,dodecamethyl tetrasiloxane 11.8, dodecamethylpentasiloxane 21.9, and perfume 6.7%, and isobutane.

IT 3555-47-3
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(anhydrous deodorant composition comprising volatile silicone fatty phase)

RN 3555-47-3 CAPLUS

CN Trisiloxane, 1,1,1,5,5,5-hexamethyl-3,3-bis[(trimethylsilyl)oxy]- (CA INDEX NAME)

REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:986158 CAPLUS

DOCUMENT NUMBER: 141:415628

TITLE: Cosmetic makeups comprising siloxane elastomer powders in volatile silicone solvents

INVENTOR(S): Kuroda, Akihiro

PATENT ASSIGNEE(S): Kanebo, Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 13 pp.
CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004323462	A	20041118	JP 2003-123268	20030428
JP 3913707	B2	20070509		

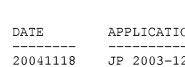
PRIORITY APPLN. INFO.: JP 2003-123268 20030428

AB Cosmetics to conceal small wrinkles comprise organopolysiloxane elastomer powders kneaded or milled in volatile solvents containing tetrakis(trimethylsiloxy)silane. The cosmetics are in the form of pastes and provide excellent use feel.

IT 3555-47-3, Tetrakis(trimethylsiloxy)silane
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(cosmetic makeups comprising siloxane elastomer powders in volatile solvents)

RN 3555-47-3 CAPLUS

CN Trisiloxane, 1,1,1,5,5,5-hexamethyl-3,3-bis[(trimethylsilyl)oxy]- (CA INDEX NAME)



L4 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:824858 CAPLUS
DOCUMENT NUMBER: 141:337245
TITLE: Cosmetic composition comprising a volatile fatty phase
INVENTOR(S): Auguste, Frederic
PATENT ASSIGNEE(S): L'Oreal S. A., Fr.
SOURCE: U.S. Pat. Appl. Publ., 14 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

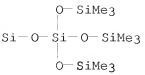
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20040197284	A1	20041007	US 2003-443793	20030523
FR 2853227	A1	20041008	FR 2003-4259	20030404
FR 2853227	B1	20090508		
FR 2853244	A1	20041008	FR 2003-6068	20030520
FR 2853244	B1	20081107		
WO 2004087077	A1	20041014	WO 2004-EP4523	20040402
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1620068	A1	20060201	EP 2004-725382	20040402
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
JP 2006522066	T	20060928	JP 2006-505315	20040402
US 20090074689	A1	20090319	US 2008-277742	20081125

PRIORITY APPLN. INFO.:

FR 2003-4259	A	20030404
US 2003-461400P	P	20030410
FR 2003-6068	A	20030520
US 2003-443793	A	20030523
WO 2004-EP4523	W	20040402

AB The invention relates to a composition comprising, in a physiol. acceptable medium, a volatile silicone fatty phase comprising at least one non-cyclic volatile silicone oil, wherein the volatile silicone fatty phase has an evaporation profile such that the mass of the at least one volatile silicone oil evaporated after 30 min is from 2 mg/cm2 to 9 mg/cm2. The invention also relates to making up and caring for human keratin materials using the inventive compns. For example, a cream was prepared comprising (i) a fatty phase containing Arlacel 165 (a mixture of glyceryl monostearate and glycol stearate, 50:50) 2.5 g, stearyl alc. 0.5 g, stearic acid 1, Parleam (hydrogenated polyisobutene) 9 g, decamethyltetrasiloxane (DC 200 Fluid 1.5 cst) 2.1 g, and dodecamethylpentasiloxane (DC 200 Fluid 2 cst) 2.1 g, and (ii) an aqueous phase containing crosslinked polyacrylic acid (Carbopol 980) 1 g, triethanolamine 0.03 g, preservative 0.3 g, and water as needed to 100 g.

IT 3555-47-3
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(cosmetic composition comprising volatile silicone oil fatty phase)
RN 3555-47-3 CAPLUS
CN Trisiloxane, 1,1,1,5,5,5-hexamethyl-3,3-bis[(trimethylsilyl)oxy]- (CA INDEX NAME)



L4 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2004:799458 CAPLUS
DOCUMENT NUMBER: 141:301020
TITLE: Cosmetic preparations containing silane derivatives in volatile solvents
INVENTOR(S): Kuroda, Akihiro; Sakuta, Koji
PATENT ASSIGNEE(S): Kanebo Ltd., Japan; Shin-Etsu Chemical Co. Ltd.
SOURCE: PCT Int. Appl., 114 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004082644	A1	20040930	WO 2004-JP3623	20040318
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1607081	A1	20051221	EP 2004-721715	20040318
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK				
CN 1761449	A	20060419	CN 2004-80007293	20040318
US 20060222615	A1	20061005	US 2005-549704	20050919

PRIORITY APPLN. INFO.:			
JP 2003-74978	A	20030319	
JP 2003-123262	A	20030428	
JP 2003-123263	A	20030428	
JP 2003-123264	A	20030428	
JP 2003-123265	A	20030428	
JP 2003-123266	A	20030428	
JP 2003-177608	A	20030623	
WO 2004-JP3623	W	20040318	

AB A cosmetic preparation excellent in use feeling and stability, is characterized by containing tetrakistrimethylsiloxysilane (I) and/or tris(trimethylsiloxy)methylsilane in a volatile solvent. For example, a cleansing gel contained I 15, ethanol 3, glycerin 5, dimethicone 8, polyether-modified polysiloxane 7, ethoxylated hydrogenated castor oil 1, octyldodecyl myristate 2, vitamin E acetate 0.1, oleyl alc. 0.3, alkyl-modified carboxyvinyl polymer 0.5, carboxyvinyl polymer 0.2, methylparaben 0.3, KOH 0.4, phenoxyethanol 0.2, and distd.water balance to 100 %.

IT 3555-47-3P, Tetrakistrimethylsiloxysilane
RL: COS (Cosmetic use); IMF (Industrial manufacture); BIOL

(Biological study); PREP (Preparation); USES (Uses)
(cosmetic prepns. containing silane derivs. in volatile solvents)
RN 3555-47-3 CAPLUS
CN Trisiloxane, 1,1,1,5,5,5-hexamethyl-3,3-bis[(trimethylsilyl)oxy]- (CA INDEX NAME)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>
=> s L3 AND py<2004
24035951 PY<2004
L5 139 L3 AND PY<2004

=> s L2/uses AND L5
168 L2
7651148 USES/RL
31 L2/USES
(L2 (L) USES/RL)
L6 10 L2/USES AND L5

=> s L6 NOT L4
L7 10 L6 NOT L4

=> d L7 1-10 ibib abs hitstr

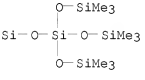
L7 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2003:453752 CAPLUS
DOCUMENT NUMBER: 139:293265
TITLE: Investigating the energetics of bio adhesion on micro-engineered siloxane elastomers: Characterizing the topography, mechanical properties, and surface energy and their effect on cell contact guidance
AUTHOR(S): Feinberg, Adam W.; Gibson, Amy L.; Wilkerson, Wade R.; Seegert, Charles A.; Wilson, Leslie H.; Zhao, Lee C.; Baney, Ronald H.; Callow, James A.; Callow, Maureen E.; Brennan, Anthony B.
CORPORATE SOURCE: Biomedical Engineering Program, University of Florida, Gainesville, FL, 32611, USA
SOURCE: ACS Symposium Series (2003), 838(Synthesis and Properties of Silicones and Silicone-Modified Materials), 196-211
CODEN: ACSMC8; ISSN: 0097-6156
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
AB The energetics of a polydimethylsiloxane (PDMS) elastomer bio interface were micro-engineered through topog. and chemical modification to elicit controlled cellular responses. The PDMS elastomer surfaces were engineered with micrometer scale pillars and ridges on the surface and variable mech. properties intended to effect directed cell behavior. The topog. features were created by casting the elastomer against epoxy replicas of micro-patterned silicon wafers. Using UV photolithog. and a

reactive ion etching process, highly controlled and repeatable surface micro textures were produced on these wafers. The high fidelity of the pattern transfer process from wafer to elastomer was confirmed. Ridges and pillars 5 μm wide and 1.5 μm or 5 μm tall separated by valleys at 5 μm, 10 μm, or 20 μm widths were examined Mech. properties were modulated by addition of linear and branched nonfunctional trimethylsiloxy terminated silicone oils. The modulus of the siloxane elastomer decreased from 1.43 MPa for the unmodified formulation to as low as 0.81 MPa with additives. The oils had no significant effect on the surface energy of the siloxane elastomer. Two main biol. systems were studied: spores of the green alga Enteromorpha and porcine vascular endothelial cells. The d. of Enteromorpha spores that settled increased as the valley width decreased. The surface properties of the elastomer were altered by Argon plasma, radio frequency glow discharge treatment, to increase the hydrophilicity for porcine vascular endothelial cells culture. The endothelial cells formed a confluent layer on the treated smooth siloxane surface that was interrupted when micro-topog. was introduced.

IT 3555-47-3, Tetrakis(trimethylsiloxy) silane
RL: MOA (Modifier or additive use); USES (Uses)
(non-functional branched oil additive; energetics of bio adhesion on micro-engineered siloxane elastomers)

RN 3555-47-3 CAPLUS

CN Trisiloxane, 1,1,1,5,5,5-hexamethyl-3,3-bis[(trimethylsilyl)oxy]- (CA INDEX NAME)



REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2002:736751 CAPLUS
DOCUMENT NUMBER: 137:265677
TITLE: Method for fabrication of rechargeable lithium-ion battery cells
INVENTOR(S): Zhang, Zhiwei; Park, Chi-Kyun; Sun, Lu Ying; Chai, Chul
PATENT ASSIGNEE(S): SKC Co., Ltd., S. Korea
SOURCE: U.S. Pat. Appl. Publ., 5 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20020136957	A1	20020926	US 2001-766672	20010123 <--
US 6547839	B2	20030415		
KR 2002062684	A	20020729	KR 2002-420	20020104 <--

PRIORITY APPLN. INFO.: US 2001-766672 A 20010123

AB Lithium-ion electrochem. cells include an anode, a cathode and a separator between the anode and cathode, wherein at least one of the anode, cathode and separator includes a polysiloxane coating thereon. Most preferably, the polysiloxane coating is the polymerized reaction product of di-Me siloxane and tetra(trimethylsiloxy)silane, and is present on the surface in an amount

between about 0.05 to about 0.17 mg/cm2. After being coated with the polysiloxane adhesive, the electrodes and separator can easily be attached one to another at ambient temperature by application of pressure using a hand roller or with a laminator, and then subsequently formed into a spiral or stacked structure for placement in a battery cell case.

IT 3555-47-3, Tetrakis(trimethylsiloxy)silane
RL: TEM (Technical or engineered material use); USES (Uses)
(adhesive; method for fabrication of rechargeable lithium-ion battery cells)

RN 3555-47-3 CAPLUS

CN Trisiloxane, 1,1,1,5,5,5-hexamethyl-3,3-bis[(trimethylsilyl)oxy]- (CA INDEX NAME)

L7 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2002:545743 CAPLUS

DOCUMENT NUMBER: 138:276165

TITLE: Characterization of chemically and topographically modified siloxane elastomer for controlled cell growth

AUTHOR(S): Gibson, Amy L.; Wilson, Leslie H.; Wilkerson, Wade R.; Feinberg, Adam W.; Seegert, Charles A.; Baney, Ronald H.; Brennan, Anthony B.

CORPORATE SOURCE: Department of Materials Science and Engineering, Biomedical Engineering Program, University of Florida, Gainesville, FL, 32611, USA

SOURCE: Materials Research Society Symposium Proceedings (2002), 711(Advanced Biomaterials: Characterization, Tissue Engineering and Complexity), 169-174
CODEN: MRSPDH; ISSN: 0272-9172

PUBLISHER: Materials Research Society

DOCUMENT TYPE: Journal

LANGUAGE: English

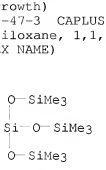
AB A main limitation of biomedical devices is the inability to start, stop, and control cell growth making it crucial to develop biomaterial surfaces that induce a desired cellular response. Micropatterns of ridges and pillars were created in a siloxane elastomer (Dow Corning) by casting against epoxy replicates of a micromachined silicon wafer. Silicone oils were incorporated to determine the change in modulus and surface energy caused by these additives. SEM and white light interference profilometry verified that the micropatterning process produced high fidelity, low defect micropatterns. Mech. anal. indicated that varying the viscosity, weight percent and functionality of the added silicone oil could change the elastic modulus by over an order of magnitude (0.1-2.3 MPa). As a self-wetting resin, silicone oils migrate to the surface, hence changing the surface properties from the bulk. Both topog. and chemical features define the surface energy, which in combination with elastic modulus, dictate biol. activity. The results imply that the morphol., mech. properties and surface energy of the siloxane elastomer can be modified to elicit a specific cell response as a function of engineered topog. and chemical functionalization.

IT 3555-47-3, Tetrakis(Trimethylsiloxy)silane
RL: MOA (Modifier or additive use); PEP (Physical, engineering or chemical process); PYP (Physical process); THU (Therapeutic use); BIOL (Biological

study); PROC (Process); USES (Uses)
(chemical and topog. modified siloxane elastomer for controlled cell growth)

RN 3555-47-3 CAPLUS

CN Trisiloxane, 1,1,1,5,5,5-hexamethyl-3,3-bis[(trimethylsilyl)oxy]- (CA INDEX NAME)



REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2001:481939 CAPLUS

DOCUMENT NUMBER: 135:78311

TITLE: Room-temperature-curable organopolysiloxane compositions with long pot life and their cured products for coating and sealing compositions

INVENTOR(S): Hori, Seiji; Miyake, Yoji; Okawa, Naoshi

PATENT ASSIGNEE(S): Dow Corning Toray Silicone Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001181508	A	20010703	JP 1999-372216	19991228 <--
PRIORITY APPLN. INFO.:			JP 1999-372216	19991228

AB Title compns. contain 100 parts silanol-terminated organopolysiloxanes, 0.1-20 parts organosilanes having ≥2 ONR1R2 (R1, R2 = C1-8 hydrocarbyl) or ONR3 (R3 = divalent organic group), 1-50 parts R44-aSi(OSiR43)a (R4 = alkyl, alkenyl, aryl; a = 3, 4) or R5SiR4(OSiR43)2, and 1-200 parts CaCO3 powder. Thus, a paste comprising silanol-terminated dimethylpolysiloxane 50, fatty acid-treated light CaCO3 powder 35, and heavy CaCO3 15 parts was mixed with a curing composition comprising 1,3,5-tris(N,N-diethylaminoxy)-1,3,5,7-tetramethyl-7-ethylcyclotetrasiloxane 0.12, 1,3-bis(N,N-diethylaminoxy)-1,3,5,7-tetramethyl-5,7-diethylcyclotetrasiloxane 2.38, and PhSi(OSiMe3)3 3 parts to show much longer pot life than a control not containing PhSi(OSiMe3)3. The composition also showed good adhesion to float glass.

IT 3555-47-3
RL: MOA (Modifier or additive use); USES (Uses)
(crosslinker; room-temperature-curable organopolysiloxane compns. with long pot life for coating and sealing compns.)

RN 3555-47-3 CAPLUS

CN Trisiloxane, 1,1,1,5,5,5-hexamethyl-3,3-bis[(trimethylsilyl)oxy]- (CA INDEX NAME)

L7 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1999:498414 CAPLUS
DOCUMENT NUMBER: 131:146045
TITLE: Organosiloxane type cleaning agent and cleaning method
INVENTOR(S): Kobayashi, Hideki; Masatomi, Akira; Mikami, Ryuzo; Onkawa, Tadashi
PATENT ASSIGNEE(S): Dow Corning Toray Silicone Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11217584	A	19990810	JP 1998-38059	19980204 <--
JP 3898324	B2	20070328		
PRIORITY APPLN. INFO.:			JP 1998-38059	19980204

OTHER SOURCE(S): MARPAT 131:146045
AB The title cleaning agents contain a siloxane oligomer selected from RSi[(OSiR2)xR]3 [R = (substituted) monovalent hydrocarbon group; x = 1-3] and Si[(OSiR2)y]4 (R = (substituted) monovalent hydrocarbon group; y = 1-3), where R does not include chlorinated hydrocarbon groups. The compds have low surface tension and good cleaning liquid cutting characteristics. Methyltris (trimethylsiloxy) silane was prepared from methyltrimethoxysilane and hexamethyldisiloxane.
IT 3555-47-3P, Tetrakis (trimethylsiloxy) silane
RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(organosiloxane type cleaning agent and cleaning method)
RN 3555-47-3 CAPLUS
CN Trisiloxane, 1,1,1,5,5,5-hexamethyl-3,3-bis[(trimethylsilyl)oxy]- (CA INDEX NAME)

L7 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1996:455364 CAPLUS
DOCUMENT NUMBER: 125:95601
ORIGINAL REFERENCE NO.: 125:17815a,17818a
TITLE: Makeup cosmetics containing fluorine-modified powders and silicones
INVENTOR(S): Kuroda, Akihiro
PATENT ASSIGNEE(S): Kanebo Ltd, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.

CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08127514	A	19960521	JP 1994-289303	19941027 <--
JP 3492788	B2	20040203		

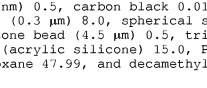
PRIORITY APPLN. INFO.: JP 1994-289303 19941027

AB Makeup cosmetics comprise F compound-treated fine particles (primary particle size 5-100 nm) and oily components containing trimethylsiloxy silicate and acrylic silicones dispersed in cyclic silicone-containing solvents. The makeups do not stain clothes (transfer rate 0-25 %). A foundation was prepared from perfluoroalkyl phosphate diethanolamine (PF)-treated Fe oxide/alumina-coated TiO2 mixture 8.0, PF-treated red iron oxide (particle size 50 nm) 0.5, carbon black 0.01, PF-treated TiO2 (35 nm) 5.0, PF-treated TiO2 (0.3 μm) 8.0, spherical silicone bead (0.5 μm) 4.0, spherical silicone bead (4.5 μm) 0.5, trimethylsiloxy silicate 7.0, X 22-8011 (acrylic silicone) 15.0, Parsol MCX 1.0, octamethylcyclotetrasiloxane 47.99, and decamethylcyclopentasiloxane 3.0 weight parts.

IT 3555-47-3
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(makeup cosmetics containing F-modified powders and silicones)

RN 3555-47-3 CAPLUS

CN Trisiloxane, 1,1,1,5,5,5-hexamethyl-3,3-bis[(trimethylsilyl)oxy]- (CA INDEX NAME)



L7 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1995:26903 CAPLUS
DOCUMENT NUMBER: 122:12387
ORIGINAL REFERENCE NO.: 122:2619a,2622a
TITLE: Chlorine-free multifunctional resins for paper finishing
INVENTOR(S): Reiners, Juergen; Laas, Hans Josef; Koenig, Joachim; Reiff, Helmut; Probst, Joachim; Boemer, Bruno; Halpaap, Reinhard; Puchner, Fritz; Traeubel, Harro
PATENT ASSIGNEE(S): Bayer A.-G., Germany
SOURCE: Eur. Pat. Appl., 37 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 582166	A1	19940209	EP 1993-111916	19930726 <--
EP 582166	B1	19970129		
EP 582166	B2	20000823		

R: CH, DE, ES, FR, GB, IT, LI, NL, SE

DE 4226110	A1	19940210	DE 1992-4226110	19920807	<--
DE 4319571	A1	19941215	DE 1993-4319571	19930614	<--
ES 2098602	T3	19970501	ES 1993-111916	19930726	<--
US 5503714	A	19960402	US 1993-100024	19930730	<--
CA 2101879	A1	19940208	CA 1993-2101879	19930804	<--
JP 06173196	A	19940621	JP 1993-213590	19930806	<--
JP 3287660	B2	20020604			
US 5739249	A	19980414	US 1995-512612	19950808	<--

PRIORITY APPLN. INFO.: DE 1992-4226110 A 19920807
DE 1993-4319571 A 19930614
US 1993-100024 A3 19930730

AB Dryness- and moisture-resistant finished and(or) sized paper is manufactured by treating the paper with a water-dispersible polyisocyanate mixture which contains tertiary amino and(or) ammonium groups and, optionally, polyether units and hydrophobic groups. Cellulose pulp treated with the above polyisocyanate blend, formed into sheets, and dried gave paper with good wet breaking strength.

IT 3555-47-3D, reaction products with tris(isocyanatohexyl)isocyanurate
RL: USES (Uses)
(coatings, for paper, for good breaking strength)

RN 3555-47-3 CAPLUS

CN Trisiloxane, 1,1,1,5,5,5-hexamethyl-3,3-bis[(trimethylsilyl)oxy]- (CA INDEX NAME)

L7 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1990:537612 CAPLUS
DOCUMENT NUMBER: 113:137612
ORIGINAL REFERENCE NO.: 113:23281a,23284a
TITLE: Low-volatility water repellents
INVENTOR(S): Fey, Kenneth C.; Freiberg, Alan L.; Price, John G.
PATENT ASSIGNEE(S): Dow Corning Corp., USA
SOURCE: U.S., 11 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
US 4874431	A	19891017	US 1988-218781	19880714	<--
CA 1333648	C	19941227	CA 1989-601355	19890531	<--
EP 351049	A1	19900117	EP 1989-305625	19890605	<--
EP 351049	B1	19920930			
R: DE, FR, GB, IT					
JP 02099582	A	19900411	JP 1989-180690	19890714	<--

PRIORITY APPLN. INFO.: US 1988-218781 A 19880714

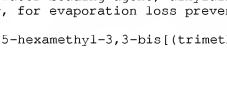
AB A method of reducing the volatility and decreasing the evaporation loss of water repellent compns. containing a solution of C1-6 alkylalkoxysilane and a carrier selected from alcs., mineral spirits, and glycol ethers, prior to application of the composition to a porous substrate by acidifying the solution in

order to cause rapid equilibration of the alkylalkoxysilane and the carrier to a constant steady state conditions, comprises adding to the acidified hydrolyzed alkylalkoxysilane solution ≥1 metal salt catalysts to further increase the hydrolysis rate of the alkylalkoxysilane and to complete the hydrolysis and the condensation of the alkylalkoxysilane, adding ≥1 surface depositing agents to the acidified hydrolyzed alkylaloxysilane solution to reduce evaporation of unreacted alkylalkoxysilane, and maintaining the solution in a substantially anhydrous conditions, so that the amount of hydrolyzed silane absorbed by the porous substrate and the percentage of water excluded from the porous substrate by the repellent composition are increased.

IT 3555-47-3, Tetrakis(trimethylsiloxy)silane
RL: USES (Uses)
(surface depositing water beading agent, alkylalkoxysilane-based water repellent containing, for evaporation loss prevention)

RN 3555-47-3 CAPLUS

CN Trisiloxane, 1,1,1,5,5,5-hexamethyl-3,3-bis[(trimethylsilyl)oxy]- (CA INDEX NAME)



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1989:618597 CAPLUS

DOCUMENT NUMBER: 111:218597

ORIGINAL REFERENCE NO.: 111:36203a,36206a

TITLE: Water-repelling composition for porous substrates

INVENTOR(S): Fey, Kenneth C.; Price, John G.

PATENT ASSIGNEE(S): Dow Corning Corp., USA

SOURCE: U.S., 6 pp.
CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4846886	A	19890711	US 1988-190742	19880505 <--
CA 1330848	C	19940726	CA 1989-595609	19890404 <--
JP 02016186	A	19900119	JP 1989-112304	19890502 <--
JP 08026306	B	19960313		
EP 344919	A2	19891206	EP 1989-304470	19890504 <--
EP 344919	A3	19910130		
EP 344919	B1	19940810		
R: DE, FR, GB, IT				

PRIORITY APPLN. INFO.: US 1988-190742 A 19880505

AB The title composition is formed by combining an alkylalkoxysilane with C1-6 alkyl groups on Si, a carrier selected from (a) alcs., (b) mineral spirits, and (c) glycol ethers, a surface depositing water-beading agent, and a metal salt catalyst. The beading agent is selected from (1) dibutyltindilaurate, (2) an aminofunctional silane, (3) a fluorosilicone fluid, (4) an amine salt functional siloxane copolymer, (5) trimethylsilyl

endcapped polysilicate, (6) an 800 d.p. polydimethylsiloxane fluid, (7) room temperature curable silicone rubber, and (8) tetrakis(trimethylsiloxy)silane.

IT 3555-47-3, Tetrakis(trimethylsiloxy)silane
RL: USES (Uses)
(beading agent, water-repelling composition containing, for porous substrates)

RN 3555-47-3 CAPLUS

CN Trisiloxane, 1,1,1,5,5,5-hexamethyl-3,3-bis[(trimethylsilyl)oxy]- (CA INDEX NAME)

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1976:479008 CAPLUS
DOCUMENT NUMBER: 85:79008
ORIGINAL REFERENCE NO.: 85:12702h,12703a
TITLE: Process for the preparation of so called cold-cured flexible polyurethane foams
PATENT ASSIGNEE(S): Rhone-Poulenc S. A., Fr.
SOURCE: Brit., 11 pp.
CODEN: BRXXAA
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 1426783	A	19760303	GB 1973-34632	19730720 <--
FR 2193049	A1	19740215	FR 1972-26231	19720720 <--
US 3884847	A	19750520	US 1973-380693	19730719 <--
GB 1427002	A	19760303	GB 1975-32284	19730720 <--
PRIORITY APPLN. INFO.:			FR 1972-26231 A	19720720

AB Improvements in mech. properties and uniformity of cold-cured cellular polyurethanes were achieved by incorporation of 0.63 or 2 weight % of the alcoholysis product of an organosilicon monochloride and an organosilicon di- or trichloride or SiCl4 [10026-04-7], e.g. Me3SiOSiMePhOSiMe3 [546-44-1] prepared from a 1:3.5 molar ratio of MePhSiCl2 [149-74-6] and Me3SiCl [75-77-4]. The additives also reduced foam shrinkage and extended the time after which calendering could be carried out. Thus, 145 g of a composition containing, inter alia, 100 weight parts polyether polyol prepared according to examples 1-4 French Patent 2,086,977 and 1 weight part organosilicon compound, and 60 g of a composition containing diphenylmethane and tolylene diisocyanates were foamed 10 min in a 200 + 200 + 100 mm mold and was easily calendered after 35 min. The average shrinkage in height after calendering of the foams prepared using 1 of 11 additives prepared from mixts. containing an organosilicon trichloride was 2% compared with 12% for an organosilicon compound-free foam which was difficult to calender and had to be calendered immediately after foaming. Nineteen other additives were used.

IT 3555-47-3

RL: USES (Uses)
(polyurethane cold-cured foams containing, for structure improvement and shrinkage reduction)

RN 3555-47-3 CAPLUS

CN Trisiloxane, 1,1,1,5,5,5-hexamethyl-3,3-bis[(trimethylsilyl)oxy]- (CA INDEX NAME)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                                                   ENTRY    SESSION
FULL ESTIMATED COST                              147.02     333.12

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)    SINCE FILE      TOTAL
                                                   ENTRY    SESSION
CA SUBSCRIBER PRICE                              -16.40     -16.40

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